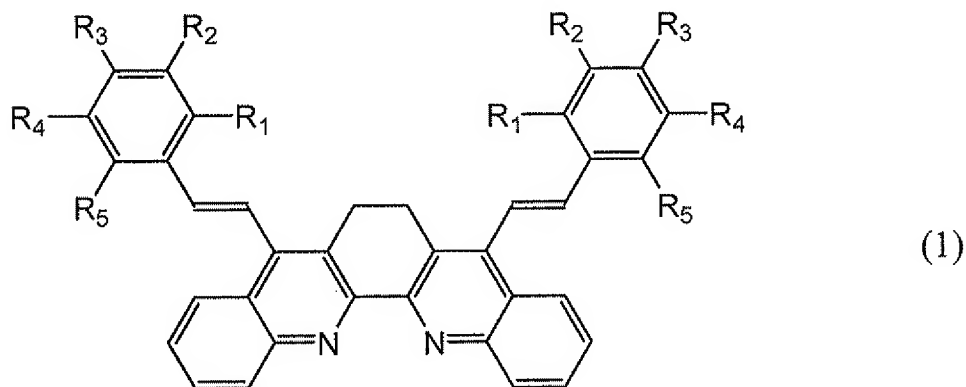


IN THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

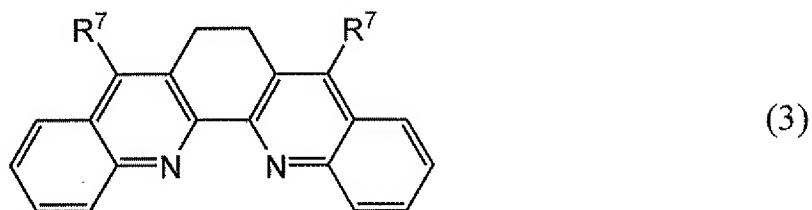
1. (Original) A phenanthroline derivative represented by a general formula (1),



wherein each of R₁ to R₅ is selected from the group consisting of a hydrogen atom, an alkyl group having 1 to 4 carbon atoms and a halogen group.

2. (Canceled)
3. (Original) A light-emitting element comprising the phenanthroline derivative according to claim 1 and at least one element selected from alkali metals and alkali-earth metals.
4. (Currently amended) A light-emitting element comprising a layer ~~including~~ in which a phenanthroline derivative represented by a general formula (3) and at least one element selected from

alkali metals and alkali-earth metals are mixed,



wherein R₇ is selected from the group consisting of an alkyl group having 1 to 4 carbon atoms, an alkenyl group having 1 to 4 carbon atoms, and an aryl group having 6 to 10 carbon atoms.

5. (Previously Presented) A light-emitting device comprising the light-emitting element according to claim 3.

6. (Previously Presented) A light-emitting device that has a display function, comprising a pixel portion in which a circuit including the light-emitting element according to claim 3 is arranged.

7. (Original) An electronic device using the light-emitting device according to claim 5 for a display portion.

8. (Original) An electronic device using the light-emitting device according to claim 6 for a display portion.

9. (Previously Presented) A light-emitting device comprising the light-emitting element according to claim 4.

10. (Previously Presented) A light-emitting device that has a display function, comprising a pixel portion in which a circuit including the light-emitting element according to claim 4 is arranged.

11. (Previously Presented) A light-emitting device according to claim 4,
wherein the layer is an electron injecting layer.